



1995-12

Naval Postgraduate School Graduation Exercises / Class of December 1995

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

<http://hdl.handle.net/10945/40792>



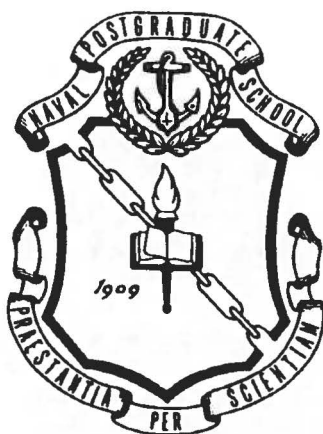
Calhoun is a project of the Dudley Knox Library at NPS, furthering the precepts and goals of open government and government transparency. All information contained herein has been approved for release by the NPS Public Affairs Officer.

Dudley Knox Library / Naval Postgraduate School
411 Dyer Road / 1 University Circle
Monterey, California USA 93943

<http://www.nps.edu/library>

NAVAL POSTGRADUATE SCHOOL

REF
V
422
.F4
U6
V.4
DEC
1995



GRADUATION EXERCISES

10:30 A.M.
Thursday
14 December 1995



REAR ADMIRAL MARSHA JOHNSON EVANS
Superintendent
Naval Postgraduate School

A native of Springfield, Illinois, Rear Admiral Marsha Johnson Evans graduated with high honors from Occidental College in June 1968. Two months later she was commissioned an Ensign at Women's Officer School, Newport, Rhode Island. Early assignments included duty at the Defense Intelligence Agency, on the Commander, Fleet Air Western Pacific staff in Atsugi, Japan, and in the Office of the Chief of Naval Operations (OP-04). In 1973, she became the first woman Surface Assignments Officer in the Bureau of Naval Personnel. Concurrently, she served as Senior Social Aide to the President of the United States.

Following selection as a Chief of Naval Operations Scholar in 1975, Rear Admiral Evans earned a Master's Degree in Law and Diplomacy at the Fletcher School of Law and Diplomacy, Tufts University. Subsequently, she served as the Middle East Policy Officer on the staff of the Commander in Chief, U.S. Naval Forces Europe. Selected as a White House Fellow in 1979, she served a one year fellowship as Executive Secretary and Special Assistant to the Secretary of the Treasury. In early 1981 she became the Deputy Director of the President's Commission on White House Fellowships.

In 1982, Rear Admiral Evans was assigned as Executive Officer, Recruit Training Command, San Diego, and from 1984 to 1986 as Commanding Officer, Naval Technical Training Center, Treasure Island, San Francisco. She served the next two years as a Battalion Officer at the U.S. Naval Academy. During that assignment, she also chaired the Women Midshipmen Study Group, served on the Navy's 1987 Women's Study and taught classes in international relations.

In 1989, Rear Admiral Evans began a one year assignment as Chief of Staff, Naval Base San Francisco. On June 15, 1990, she assumed command of Naval Station Treasure Island, San Francisco. In November 1991 she returned to the Naval Academy as Chief of Staff, an assignment that was curtailed in August 1992 when she became the Executive Director of the Standing Committee on Military and Civilian Women in the Department of the Navy. From June 1993 to July 1995, Rear Admiral Evans served as the Commander of the Navy Recruiting Command. Rear Admiral Evans assumed her current duties as Superintendent, Naval Postgraduate School on 8 September 1995.

Rear Admiral Evans is a graduate of the Naval War College off-campus program and a 1989 graduate of the National War College. She is married to Gerald R. Evans, of Pensacola, Florida.



THE HONORABLE BERNARD D ROSTKER
Assistant Secretary of the Navy
(Manpower and Reserve Affairs)

Dr. Rostker was sworn in as Assistant Secretary of the Navy for Manpower and Reserve Affairs on October 17, 1994. As the Assistant Secretary, he acts on matters pertaining to manpower and personnel policy within the Department of the Navy. His purview includes personnel readiness, quality of life and health care programs and issues affecting active duty and reserve Sailors, Marines, and Department of the Navy civilians.

Dr. Rostker received a Bachelor of Science Degree in Economics and Education from New York University in 1964. He also holds both a Masters Degree and Doctorate Degree in Economics from Syracuse University. He started his professional career in 1968 as an economist in the Manpower Requirements Directorate of the Office of the Assistant Secretary of Defense for Systems Analysis. He left Government service in 1970 and moved to the RAND Corporation where he was a research economist and, starting in 1972, the Program Director of the Manpower Personnel and Training Program, a personnel studies program sponsored by the United States Air Force.

In 1977 Dr. Rostker returned to Government service as Principal Deputy Assistant Secretary of the Navy for Manpower and Reserve Affairs. In 1979, Dr. Rostker became the Director of Selective Services, where he formulated the Selective Service Revitalization Plan. Under his leadership, the first mass selective service registration since World War II was executed during which almost four million young men registered.

Dr. Rostker moved to the Center for Naval Analysis in 1981 as the Director for the Navy's Management Program, where he guided the development of a research and studies program examining major management issues within the Navy. In 1983 he joined Systems Research and Applications Corporation (SRA) as Director of the Systems Management Division, a computer software development company.

In December 1984, Dr. Rostker returned to RAND to help establish a new Army studies and analysis center -The Arroyo Center - where he was Program Director of the Force Development and Employment Program and Associate Director of the Center. In January 1990, Dr. Rostker left the Arroyo Center and assumed the position as Director of the Defense Manpower Research Center in RAND'S National Defense Research Center.

Dr. Rostker and his wife, Louise, reside in Great Falls, Va. They have two children, David, who is a doctorate candidate in economics at the University of Wisconsin, and Michael who attends Carnegie-Mellon University in Pennsylvania.



DR. RICHARD S. ELSTER
Provost
Naval Postgraduate School

Richard Elster was born on 3 December 1939. He attended the University of Minnesota in Minneapolis where he received the degrees of Bachelor of Arts, Master of Arts, and Doctor of Philosophy.

In January of 1969, he joined the faculty of the Naval Postgraduate School. His teaching focused on DoD manpower, personnel and training policies. From 1 July 1975 to 1 July 1978, he was on leave from the Naval Postgraduate School. During that period, he worked in the Office of the Assistant Secretary of Defense (Manpower and Reserve Affairs), and as Senior Scientific Advisor to the Deputy Chief of Naval Operations (Manpower)/Chief of Naval Personnel, Admiral James D. Watkins.

On 1 October 1979, he was promoted to professor in the Department of Administrative Sciences at the Naval Postgraduate School. In July of 1983, he became Chairman of the Department of Administrative Sciences.

During the period of 1984-1988, he served as Deputy Assistant Secretary of the Navy for Manpower. Additionally, he was Acting Assistant Secretary of the Navy (Manpower & Reserve Affairs) during the period 7 April - 28 June 1988.

In 1989, he filled the Chief of Naval Operation's manpower chair at the Naval Postgraduate School. During January-September 1990, he was Deputy Assistant Secretary of Defense for Resource Management and Support. He was named Dean of Instruction at the Naval Postgraduate School in September 1990 where he served in this role until June 1995. On July 1, 1995 he was named Provost/Academic Dean of the Naval Postgraduate School.

THE PLATFORM PARTY

FIRST ROW (Left to Right)

Lieutenant Arthur M. Brown
CHC, USN
Protestant Chaplain
Naval Postgraduate School

Colonel James A. Gillis
USMC
Commanding Officer
23rd Marines
San Rafael

Colonel William H. Oldenburg
USAF
Chief of Staff
Defense Language Institute

Captain Paul J. Bibeau
USCG
Chief, Future Operations Branch
Coast Guard Island
Alameda

Colonel Ila Mettee-McCutcheon
USA
Garrison Commander
Presidio of Monterey

Honorable Bernard D. Rostker
Assistant Secretary of the Navy
(Manpower and Reserve Affairs)
Washington, D.C.

Rear Admiral Marsha J. Evans
USN
Superintendent
Naval Postgraduate School

Dr. Richard S. Elster
Provost
Naval Postgraduate School

Lieutenant Colonel Mark Jones
USA
Chief, Acquisition Corps Proponency,
(Research, Development and Acquisition)
Washington, D.C.

Marilyn Olsen
President, Naval Postgraduate School
Foundation

Mr. Don Jordan
Mayor of the City of Seaside

Mr. Paul Hoffman
President, Monterey Peninsula Council
Navy League

Captain James J. Miller
USN
Dean of Students and Director of Program
Naval Postgraduate School

SECOND ROW (Left to Right)

Dr. Hershel Loomis
Department of Electrical Engineering

Dr. Matthew Kelleher
Department of Mechanical Engineering

Dr. Daniel Collins
Department of Aeronautical and
Astronautical Engineering

Dr. Frank Teti
Department of National Security Affairs

Dr. Carlyle Wash
Department of Electrical Engineering

Dr. Reuben Harris
Department of Systems Management

Commander Frank Petho
Department of Operations Research

CDR Mark Barber
Department of Computer Science

Dr. Richard Franke
Department of Mathematics

Dr. James Eagle
Undersea Warfare Academic Group

Dr. William Colson
Department of Physics

Prof. Fred Levien
Electronic Warfare Academic Group

THURSDAY - DECEMBER 14, 1995 PROGRAM

Processional The Marshalls

Professor Alfred Cooper Marshall

Professor James Fremgen Marshall

Professor Steven Baker Marshall

Lieutenant Colonel William Johnson, U.S. Marine Corps Marshall

Invocation Chaplain Arthur M. Brown

Introduction of Speaker Rear Admiral Marsha J. Evans, Superintendent

Address to Graduates Honorable Bernard D. Rostker
Assistant Secretary of the Navy (Manpower and Reserve Affairs)

Presentation of Awards Provost

Presentation of Candidates Department Chairman

Announcement of Degrees Provost

Benediction* Chaplain Arthur M. Brown

Recessional

Notes: RADM Evans and Mr. Evans cordially invite graduates, faculty, and guests to a reception in honor of the graduates in the Barbara McNitt Ballroom of Hermann Hall immediately following the ceremony.

***The audience should remain seated except for the events marked with an asterisk.**

The audience is requested to hold their applause until the last graduate has crossed the stage.

CURRICULAR OFFICERS AND ACADEMIC ASSOCIATES

Systems Management

Curricular Officer - CDR Michael P. Tryon, USN

**Assistant Curricular Officers - LT Patricia Munoz
LT Kenneth Grimes**

Academic Associates

Transportation Logistics Management - Professor Susan Hocevar
Transportation Management - Professor Susan Hocevar
Acquisition and Contract Management - Professor David Lamm
Systems Acquisition Management - Professor David Lamm
Defense Systems Analysis (DoD Services - Non Navy) Professor James Suchan
Defense Systems Management (International) - Professor Roger Evered
Systems Inventory Management - Professor Don Eaton
Resource Planning and Mgmt for International Defense - Professor Roger Evered
Material Logistics Support Management - Professor Don Eaton
Financial Management - Professor Douglas Moses
Manpower, Personnel, Training and Analysis - Professor Stephen Mehay
Information Technology Management - Professor Carl R. Jones

Aerospace Engineering

Curricular Officer - CDR Frank Cina, USN

Academic Associates

Aeronautical Engineering - Professor Gerald Lindsey
Aeronautical Engineering Avionics - Professor Gerald Lindsey

Meteorology and Physical Oceanography

Curricular Officer - CDR Thomas D. Lage, USN

Academic Associates

Meteorology - Professor Roger T. Williams
Oceanography - Professor Roland W. Garwood
Meteorology and Physical Oceanography - Professor Williams/Professor Garwood
Operational Oceanography - Professor C. S. Chiu

Undersea/Space/Electronic Warfare

Curricular Officer - CDR Robert J. Young, USN

Academic Associates

Undersea Warfare - Professor James Sanders
Electronic Warfare - Professor David Jenn
Space Systems Operations - Professor Dan C. Boger
Space Systems Engineering - Professor Oscar Biblarz

Joint Command, Control, Communications, Computers & Intelligence System

Curricular Officer - LTCOL Ernest K. Beran, USAF

Academic Associate

Joint Command, Control and Communications - Professor Dan C. Boger

Electronics and Computer Programs

Curricular Officer - CDR Robert H. Ellis, USN

Academic Associates

International - Professor Rama Janaswamy
Non-Navy - Professor Ron J. Pieper
Navy - Professor R. Clark Robertson
Computer Science - Professor Michael J. Zyda

National Security and Intelligence

Curricular Officer - CDR Mark A. Machin, USN

Academic Associates

Area Studies - Professor David Yost
Strategic Planning and International Organizations & Negotiations
Professor James Wirtz
Intelligence - CDR Peter R. Hull, USN
Special Operations/Low Intensity Conflict (SOLIC)
Professor Gordon McCormick
Regional Planning & Mgmt for International Defense (REPMID)
Professor Roger Evered

Naval Mechanical Engineering

Curricular Officer - CDR William E. Gray, USN

Academic Associate

Naval Engineering - Professor Morris Driels

Operations Research

Curricular Officer - CDR Douglas D. Grau, USN

Academic Associates

Operations Research - Professor Glenn Lindsay
Operational Logistics - Professor David Schrady
Advanced Science (Applied Math) - Professor Maurice Weir

Combat Systems Sciences and Technology

Curricular Officer - CDR Michael A. Witt, USN

Academic Associate

Combat Systems - Professor James Sanders

Deputy/International Programs Director - COL H. Gary Roser, USMC (Ret)

Civilian Institutions

Manager - LT Karen Kersten, USN

**DECEMBER 1995
GRADUATION AWARDS**

**Monterey Council Navy League Award for Highest Academic Achievement -
LT Allen L. Clark, USN**

Presented quarterly to graduating USN, USMC, USCG, or NOAA student who has maintained an outstanding academic record as exhibited by academic achievement, thesis research, motivation, and community involvement.

**Naval Postgraduate School Outstanding Academic Achievement Award for
Department of Defense Students - CPT Stephen J. Mariano, USA**

Presented quarterly to a graduating USA, USAF, or Department of Defense civilian who has maintained an outstanding academic record as exhibited by academic achievement, thesis research, motivation, and community involvement.

**Naval Postgraduate School Outstanding Academic Achievement Award for
International Students - CDR Eduardo Troncoso, Chilean Navy**

Presented quarterly to a graduating military or civilian non-U.S. citizen student who has exhibited outstanding academic achievement, conducted notable thesis research, maintained motivation and a serious interest in the community, and who has interacted well with other students in the interest of international alliance.

**Naval Postgraduate School Superior Service Award -
LCDR Jon C. Harding, USN**

Presented to a graduating student who has demonstrated outstanding dedication to service while at NPS. The award is presented on the basis of superior contributions to the student body, professional community, and local Monterey area.

**Marine Corps Association Superior Service Award for Outstanding U.S.
Marine Corps Student - Capt Jason Phillips, USMC**

Presented quarterly to the graduating U.S. Marine Corps student in any curriculum for superior service. The award is presented on the basis of superior contributions to the student body, professional community, and local Monterey area.

**Carl E. and Jesse W. Menneken Annual Faculty Award for Excellence in
Scientific Research - (To be announced at graduation)**

Presented annually to a Naval Postgraduate School faculty member who has exhibited outstanding research efforts in science and engineering.

**Armed Forces Communications and Electronics Association Award -
Capt Michael S. Groen, USMC**

Presented to the officer graduate who has achieved academic excellence and best demonstrated professional qualities in one of the following programs: Electronics, Intelligence, Command, Control and Communications.

**Space and Naval Warfare Systems Command Award in Electronic Systems
Engineering - LCDR Diane K. Gronewold, USN**

Presented semiannually to a graduating student for distinguished academic achievement in the advanced Electronics Engineering program.

**Naval Sea Systems Command Award for Excellence in Combat Systems -
LCDR Joseph D. Welter, USN**

Presented in recognition of distinguished scholastic achievement in Combat Systems Engineering. Selection is based on marks attained, quality and applicability of thesis and demonstrated leadership potential in the field of Combat Systems Engineering and Excellence.

**Naval Sea Systems Command Award in Naval Engineering -
LCDR Jay A. Renken, USN**

Presented in recognition of distinguished academic achievement in the Naval Engineering Program. The criteria for the award includes demonstrated academic excellence measured by marks attained, contents of thesis, and demonstrated leadership potential in Naval Engineering.

**Rear Admiral Thomas R. McClellan Award for Academic Excellence in
Systems Management - LT Daniel B. Limberg, USN**

Presented to a graduate of Systems Management based upon academic performance, professional commitment, and leadership potential.

**Naval Supply Systems Command Award for Academic Excellence in Systems
Management - LT Steve Dollase, USN and LT Bobbi Collins, USN**

Presented semiannually to an outstanding U.S. Naval Supply Corps officer in Systems Management at the Naval Postgraduate School. The award is made on the basis of academic achievement, research excellence, contribution to the professional and civilian community and faculty recommendations.

**Department of the Navy Award for Academic Excellence in Financial
Management - CAPT Jeffrey Rutledge, USMC**

The award is presented semiannually to a Financial Management student who demonstrates overall academic performance, academic excellence in financial management courses, high leadership potential, future ability to contribute to professional, academic and public forums while meeting the highest standards of stewardship of the National Trust and thesis excellence.

**Systems Management Faculty Award for Excellence in Management -
CDR Eduardo Troncoso, Chilean Navy, and LT David Limberg, USN**

Presented semiannually to a student in any of the Systems Management curricula. The award is based on exceptional academic ability and is presented only when the caliber of potential nominees is considered high enough to make a presentation of award.

Conrad Scholar Award for Distinguished Academic Achievement in Financial Management - LT Edward W. Devinney II, USN, and LT Mark D. Pyle, USN
Presented semi-annually to an outstanding Unrestricted Line (URL) officer in the Financial Management community who has demonstrated academic excellence, presented a financial management essay for publication, and exhibited the potential for outstanding leadership while attending the Naval Postgraduate School.

United States Naval Institute Award - LCDR Paul A. Lluy, USN
Presented to a student in the National Security Affairs curricula whose thesis is judged to be of the most importance to the U.S. Navy and meets the highest standards of excellence.

Army Acquisition Corps Award for Scholastic Achievement -
MAJ Scott C. Dolloff, USA
Presented to the graduating US Army Acquisition student who has exhibited outstanding academic excellence through academic achievement, thesis research, and leadership potential.

THE GRADUATES

DOCTOR OF PHILOSOPHY IN ELECTRICAL ENGINEERING
Mr. Raymond F. Bernstein, Jr., Naval Postgraduate School

DOCTOR OF PHILOSOPHY IN AERONAUTICAL ENGINEERING
Mr. Richard J. Margason, NASA Ames

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE
Mr. Doan Nguyen, Naval Postgraduate School

MECHANICAL ENGINEER
LT Robert Allen Armstrong, USN
LT Michael A. Ballou, USN
LCDR Jay A. Renken, USN (With Distinction)

AERONAUTICAL AND ASTRONAUTICAL ENGINEER
LCDR William B. Harrington, Jr., USN
LCDR Wade E. Knudson, USN
LT Paul C. Woods, USN

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS
Capt Chris Seiple, USMC
Maj Herminio Torres Jr., USMC
Capt Steven J. Cox, USAF
Capt Robert J. MacDonald, USAF
CPT William J. Bender, USA (With Distinction)
MAJ Chuck Harrison, USA
MAJ Craig Johnson, USA
CPT Askold Kobasa, USA
MAJ Lane J. Lance, USA
CPT Stephen J. Mariano, USA (With Distinction)
CPT Paul J. McDermott, USA
MAJ Edward J. McHale, USA
CPT Craig Riley, USA
CPT Kimm A. Rowe, USA
*CPT Eric Wendt, USA
CPT James J. Wolff, USA
CPT Scott E. Womack, USA
LCDR George Louis Blasco, USN
LCDR Chuck Capets, USN
LT Mary L. Diaz, USN
LT Michael P. Doran, USN

LT Sid Ellington, USN
 LCDR Mary Ruth Evans, USN (With Distinction)
 LCDR Karla P. Fears, USN
 LT James Regan Greenburg, USN (With Distinction)
 LT Jeffrey W. Hakala, USN
 LCDR P. Gardner Howe, USN (With Distinction)
 LT Rodney E. Hutton, USN
 LT James O. Johnson, USN
 LT F. Curtis Jones, USN
 LT Matthew J. Littleton, USN
 LCDR Paul A. Lluy, USN
 LT Michael D. Lumpkin, USN
 LT Michael R. McGuire, USN
 LT James McReynolds, USN
 LT Sean M. O'Donovan, USN
 LT Julie J. O'Neal, USN
 LT Michael A. Polidoro, USN
 LT Paul A. Puopolo, USN
 LT Vincent J. Quidachay, USN
 LCDR David S. Rivard, USN
 LT Gregory Daniel Rowe, USN
 LT Karin A. Shuey, USN
 LT Kenneth Spurlock, USN
 LT Pat LaQuinn Williams, USN
 LT Gerald P. Yegge, USN

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

LT Stuart Michael Abrahamson, USN
 Capt Martin A. Cloutier, Canadian Armed Forces
 Capt Michael S. Groen, USMC (With Distinction)
 LCDR William B. Harrington, Jr., USN
 Capt James W. Hodge Jr., USMC
 Capt Gary D. Klein, USMC
 Capt Theodore S. Kline, USMC
 MAJ Ian Neil Glenn, Canadian Army
 CPT Michael D. Theodoss, USA
 MAJ Ma, Yubin, Taiwan Army
 CDR Peter A. Andreasen, USN
 LCDR Evandro Luiz da Costa, Brazilian Navy
 LT Jerry B. Dismuke, USN
 LT Dilip B. Ghate, USN
 LCDR Diane K. Gronewold, USN (With Distinction)
 LT Michael C. Jones, USN
 LTJG Mucahit Karasu, Turkish Navy

LCDR João Roberto Vasconcellos Martins, Brazilian Navy
 LTJG Yalçın Payal, Turkish Navy
 LT Jeffrey Scott Scheidt, USN
 LT Brian S. Tait, USN
 *LT Jerry D. Tyner
 LCDR Joseph D. Welter, USN

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

LT Robert Allen Armstrong, USN
 LT Michael A. Ballou, USN
 LCDR John P. Buziak, USN
 LT Allen L. Clark, USN (With Distinction)
 LT Cynthia D. Conway, USN
 LCDR Marc S. DeAngelis, USN
 LCDR Craig D. Hanson, USN
 LT Donald Ray Harder, USN
 LCDR Eric P. Holmes, USN
 LT Patrick LaFontant, USN
 LCDR Luis Alberto Ordóñez R., Colombian Navy
 LCDR David D. Phelps, USN
 LT Gregory L. Reed, USN
 LCDR Jay A. Renken, USN (With Distinction)
 LT Nestor E. Romero, USN
 LT Robert P. Saunders Jr., USN
 LT Steven L. Stancy, USN
 LT Nicole Lynn Tait, USNR
 CDR William T. Webber, USN
 LCDR Gerald W. Wojcik, USN

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

Capt Gary D. Klein, USMC
 CAPT Bret S. Barton, Canadian Air Force
 LT Andrew J. Booth, USN
 Capt Alain Carrier, Canadian Air Force
 LTJG Hideto Ito, Japan Maritime Self Defense Force
 LCDR Larry A. Pugh, USN
 LT Kenneth L. Reber, USN
 LT Vinh X. Tran, USN

MASTER OF SCIENCE IN ASTRONAUTICAL ENGINEERING

LT Stuart Michael Abrahamson, USN
 *LT Cal D. Astrin, USN
 LT Martin R. Beaulieu, USN
 LT Charles Thomas Chase, USN
 LT Donald Ray Harder, USN

LT William B. Harrington, Jr., USN
 LT Jeffrey D. Hicks, USN
 LCDR Wade E. Knudson, USN
 LT Siwon Ray Lee, USN
 LT Michael S. Parish II, USN (With Distinction)
 LT Andrew Walker Swenson, USN
 LT Mark L. Stevens, USN
 LT Nicole Lynn Tait, USNR
 LT Philip Hugh Turner, USN
 LT Paul C. Woods, USN

MASTER OF SCIENCE IN ENGINEERING SCIENCE (ASTRONAUTICS)

LT Gregory Ian Jones, USN

MASTER OF SCIENCE IN METEOROLOGY AND PHYSICAL OCEANOGRAPHY

LT John E. M. Brown, USN
 LT David John Byers, USN
 LT Christopher S. T. Kent, USN
 LT Mark W. Mickelinc, USN
 LT Erika Lauren Sauer, USN
 LT Jeffrey L. Swayne, USN (With Distinction)
 LCDR Sean Royal White, NOAA (With Distinction)

MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY

LTJG Heather A. Parker, NOAA

MASTER OF SCIENCE IN MANAGEMENT

Capt Bryan E. Areman, USMC
 Maj Keith W. Bass, USMC (With Distinction)
 Capt Martin E. Bouveron, USMC
 Maj Conrad N. Brown, Jr., USMC
 Capt Kevin W. Brown, USMC (With Distinction)
 Maj Greg Caldwell, USMC
 Maj Daniel F. Foley, USMC
 Maj Andrew W. Hovanec, USMC
 Capt David S. Mazenko, USMC
 Maj Robert G. Oltman, USMC
 Capt Jason F. Phillips, USMC
 Capt Jeffrey A. Rutledge, USMC (With Distinction)
 Capt William Tootle, USMC
 Maj Arthur M. Tringali, USMC
 Capt Joseph Wade, USMC
 Capt Roger C. Walker, USMC

LTC Abdul Madjid, Indonesian Air Force
 LTC Antonio Carlos Stangherlin Rebelo, Brazilian Air Force
 CPT Reyadh E. Yusuf, Bahrain Amiri Air Force
 CPT Christopher S. Buck, USA (With Distinction)
 CPT Scott A. Campbell, USA
 CPT Craig H. Carson, USA
 MAJ William T. Chatman, USA
 CPT Thomas M. Coffey, USA
 MAJ Scott C. Dolloff, USA (With Distinction)
 CPT Keith R. Edwards, USA
 CPT Edward D. Grekoski, USA
 CPT Linda Herbert, USA
 CPT Thomas R. Marino, Jr., USA
 CPT Christopher T. McCurry, USA
 CPT Eric M. Mcksymick, USA
 MAJ John Raymond Oxford, Jr., USA
 CPT Thomas A. Ramsay, USA
 MAJ Michael E. Schaller, USA
 CPT Robert W. Schumitz, USA
 CPT Richard R. Schwarz, USA
 MAJ Staffan H. Sjoberg, Swedish Army (With Distinction)
 CPT David M. Treshansky, USA
 LCDR James M. Barnard, USN
 LCDR Robyn D. Barnes, USN
 LT Robert B. Birmingham, USN
 LCDR W. Ross Bookheimer, USNR
 LCDR Mark E. Bower, USN
 LT Christine Y. Buziak, USNR
 LT Anthony S. Chavez, USN
 LT Duane A. Childress, USN
 LT Bobbi Collins, USN (With Distinction)
 LT Scott Dalrymple, USN
 LT James P. Davis, USN
 LT Edward W. Devinney II, USN
 LCDR Steve W. Dollase, USN (With Distinction)
 LT Shawn Paul Duffy, USN
 LCDR George T. Fadok, USN
 LT William R. Gaither, USN
 LT Rebeca M. Giacomani, USN
 LT Kelly J. Grosskopf, USN
 LCDR Parke L. Guthner, USN
 LCDR J. C. Harding, USN
 LT Joycelin R. Higgs, USN
 LCDR Theodore A. Hleba, USN

LT Cary D. Johnson, USN
 CDR Panagiotis Kalyvitis, Hellenic Navy
 LCDR George F. Kilian, USN
 LT Daniel Limberg, USN (With Distinction)
 LCDR Michael Lipski, USN
 LT John A. Malsbury, USN
 LCDR Neal Patrick McMahon, USN
 LCDR Michael McPeak, USN
 LT Bruce M. Miller, USN
 LT Francis M. Molinari, USN
 LCDR Vasilios K. Papaiakevou, Hellenic Navy
 LCDR Michael D. Pawley, USN
 LT Dave Pickering, USN
 LT Mark Pyle, USN
 LT Laura Rubison, USN
 LCDR Patrick Stansfield, USN
 LCDR Gregory F. Stroh, USN
 CDR Eduardo Troncoso Unwin, Chilean Navy (With Distinction)
 LCDR Robert K. Tufts, USN
 LCDR Andrew Turnley, USNR
 LCDR James Valovcin, USN
 LT John D. Walsh, USN (With Distinction)
 *LCDR Hernando Wills Vélez, Colombian Navy
 LT Mickey Zayas, USN
 Mr. Murat Aksoy, Turkish Ministry of Defense
 Mr. Perry Hicks, Naval Postgraduate School

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY MANAGEMENT

LT Lloyd Lee Stone, USCG
 MAJ Luis Hernandez, USA

MASTER OF SCIENCE IN OPERATIONS RESEARCH

LT Ryan C. Tillotson, USN
 LTJG Yasin Turker, Turkish Navy

MASTER OF SCIENCE IN COMPUTER SCIENCE

LTC Jane-Jun Lee, Taiwan Army
 LT Robert E. Campbell, USN
 LTJG Aykut Kutlusan, Turkish Navy (With Distinction)
 LTJG Erhan Şenocak, Turkish Navy
 LTJG Veliddin Eran Sezgin, Turkish Navy

MASTER OF SCIENCE IN APPLIED MATHEMATICS

LT Timothy R. Weber, USN

MASTER OF SCIENCE IN APPLIED PHYSICS
 MAJ Kang, Chunsoo, Republic of Korea, Korean Army
 LT John C. Gaffe', USN
 Capt Michael S. Groen, USMC
 LT Carlos S. Guzman, USN
 LT Peter H. Heisey, USN
 LT Jeffrey D. Hicks, USN
 LT Thomas E. Jean, USN
 LT Luis Ramos, USN
 LCDR Carlos Renato Campos Rangel, Brazilian Navy
 LCDR Joseph D. Welter, USN (With Distinction)

MASTER OF SCIENCE IN PHYSICS

ENS Aaron J. Barbosa, USN
 LT Erick B. Cushman, USN
 LCDR Roger M. Mabe, USN (With Distinction)

MASTER OF SCIENCE IN ENGINEERING ACOUSTICS

Capt Martin A. Cloutier, Canadian Armed Forces
 LCDR Evandro Luiz da Costa, Brazilian Navy
 LT Eric B. Cushman, USN

MASTER OF SCIENCE IN ENGINEERING SCIENCE

MAJ Jia-Yuan, Guo, Taiwan Army

MASTER OF SCIENCE IN SYSTEMS ENGINEERING

LTJG Cem Koc, Turkish Navy

Those students whose names are preceded by an (*) are being presented in absentia.

DECEMBER 1996
THESIS ADVISORS

Assoc Prof Tarek Abdel-Hamid
CDR Rebecca Adams
Sen Lecturer Richard W. Adler
Prof Brijn Agrawal
*Prof Terry Alfried
*Assoc Prof Robert Armstead
Asst Prof John Arquilla
*Assoc Prof Steven Baker
*Prof Robert Bail
*Prof Oscar Biblarz
*Prof Dan Boger
*Prof Randy L. Borchardt
Asst Prof Carlos Borges
Prof Jan Breemer
*Sen Lecturer Claude A. Buss
Prof Charles Calvano
*Asst Prof Lester E. Carr
Sen Lecturer Ralph, N. Channell
Asst Prof John Ciezki
Prof David Cleary
*Prof William Colson
*Prof Alfred Cooper
Sen Lecturer Alice Crawford
*Assoc Prof Roberto Cristi
*Prof Kenneth Davidson
Assoc Prof Scott Davis
LCDR Marlene Demalo, USN
*Asst Prof Sandra M. Desbrow
*LTC John T. Dillard
*Prof Daniel Dolk
Prof Morris Driels
*RADM Don Eaton, USN (ret)
*Prof Russell L. Eisberry
Assoc Prof Mark J. Eitelberg
*Prof Kenneth Euske
Prof Roger Evered
*Asst Prof Dana Eyre
*Asst Prof Paul Fields
Asst Prof Douglas J. Fouts
*Prof James Fremgen
*Assoc Prof William Gates
Vstg Assoc Prof Gurnam S. Gill
*Prof Ashok Gopinath
Prof Joshua Gordis

LCDR Richard Harkins
*Prof Anthony Healey
Assoc Prof David Henderson
*Assoc Prof Ralph Hippenstiel
*Rach Asst Prof Paul A. Hirschberg
*Prof Garth Hobson
Asst Prof Susan Hocevar
Prof Thomas Holvik
Adjutant Prof Wayne P. Hughes
*Lecturer Terry Johnson
*Prof Carl Jones
*Prof Isaac Kamner
Assoc Prof Keebom Kang
*Prof Matthew Kelleher
*Assoc Prof Young Kwon
Assoc Prof Roman A. Laba
*Assoc Prof David Lamm
Asst Prof Peter Lavoy
Lecturer Cynthia Levy
*Prof Shu Liao
*Prof Marshal Loomis, Jr.
Prof Robert E. Looney
CDR Gus Lott, USN
*Asst Prof G. M. Lundy
Vstg Prof Bard Mensager
Prof Xavier Maruyama
COL Dave Matthews, USA (ret)
Vstg Asst Prof Marty McCaffrey
*Assoc Prof Gordon McCormick
*Academic Assoc Alan McMasters
*Prof Terry McNeley
Prof Michael Melich
*Assoc Prof Sherif Michael
*Prof Joseph San Miguel
*Assoc Prof James Miller
*Prof Knox Millsaps
Sen Lecturer Rodney K. Minott
Assoc Prof Dan Moran
Prof Michael A. Morgan
Assoc Prof Douglas Moses
Prof Ranjan Mukherjee
Assoc Res Prof Negoc Ly Le
*Prof David Netzer
*Prof Conrad Newberry

*Asst Prof Jeffrey Paduan
*Prof Fotos Papoulias
Prof Patrick J. Parker
*Rach Asst Prof Patricia M. Pauley
*Assoc Prof Ron J. Pieper
*Prof Max Platzer
*Prof Nancy Roberts
Assoc Chairman R. Clark Robertson
Asst Prof Glenn Robinson
Prof Richard E. Rosenthal
*Asst Prof Michael Ross
Prof T. Sarpkaya
Prof Gordon Schacher
*Prof Fran Schwing
LCDR Michael Shields, USN
*Asst Prof Timothy Shimeall
Asst Prof Kevin Smith
*LTC Keith Snider, USA
Asst Prof Mark Stone
Assoc Prof James Suchan
*Adjunct Prof Katchan Terasawa
*Assoc Prof Frank Tetl
Prof Charles Therrien
*Prof Edward B. Thornton
Asst Prof Scott D. Tolleson
Assoc Prof Donald Walters
*Prof Carlyle Wash
*Assoc Prof Jim J. Wirtz
Prof Max Woods
*Prof E. Roberts Woods
Prof David Yost

(*) Denotes Advised multiple Thesis

The cap and gown and colorful hood so prominent in commencement ceremonies resemble, to some extent, articles of dress worn by church and university dignitaries in the Middle Ages. The cap and gown indicate that the wearer is a member of a university or college. The hood shows the degree the wearer holds.

The gown for the bachelor's degree has pointed sleeves and is designed to be worn open or closed. The doctor's gown has bell-shaped sleeves and may be worn open or closed. Down the front, the doctor's gown has a facing of velvet and three bars of the same material on each sleeve. The facing and bars may be either black or the color distinctive of the subject to which the degree pertains. The cap is worn for all degrees; the doctor may wear a golden tassel.

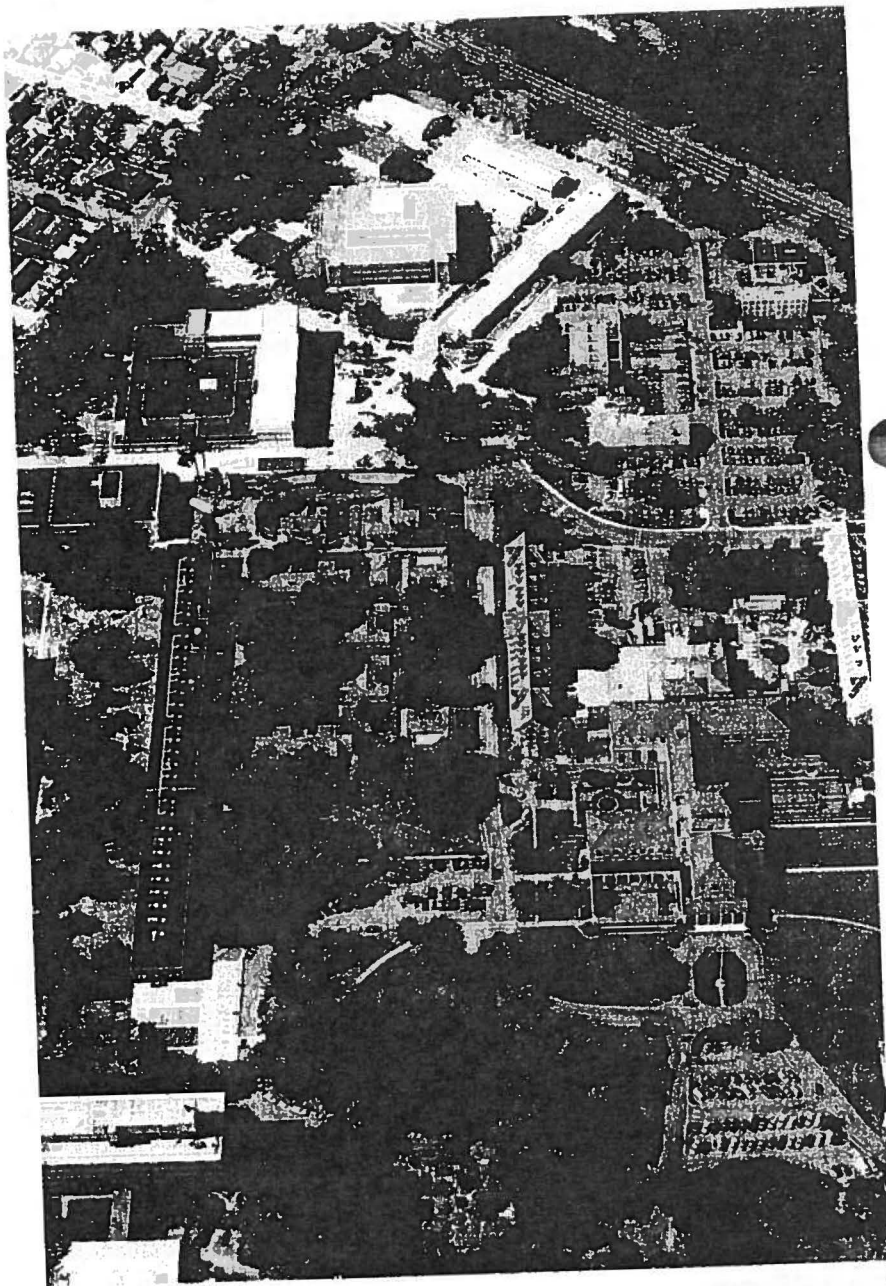
Hoods are normally black with a colorful lining rolled outward. Bachelor's hoods are three feet long, master's three and one half feet, and doctor's four feet.

For all academic purposes, including trimmings for the doctor's gown, edging of hoods, and tassels of caps, the colors associated with the different subjects are as follows:

Agriculture	Maize
Arts, Letters, and Humanities	White
Business, Commerce	Drab
Education	Light Blue
Engineering	Orange
Forestry	Russet
Home Economics	Maroon
Law	Purple
Library Science	Lemon
Music	Pink
Pharmacy	Olive Green
Philosophy	Dark Blue
Physical Education	Sage Green
Science	Golden Yellow
Theology	Scarlet
Veterinary Science	Gray

UNIVERSITY GRANTING DEGREE

<u>UNIVERSITY GRANTING DEGREE</u>	<u>LINING</u>	<u>CHEVRON</u>
Stanford University	Cardinal	
Purdue University	Black	Gold
University of Kansas	Purple	White
University of California	Gold	Yale Blue
University of Michigan	Maize	Blue
University of Southern California	Gold	Cardinal
University of Munich, W. Germany	White	Moonglow/White
Columbia University	Light Blue	White
Duke University	Royal Blue	White
Harvard University	Crimson	
University of Wisconsin	Blue	
University of Denver	Cardinal	Gold



THE NAVAL POSTGRADUATE SCHOOL

The Naval Postgraduate School opened in Annapolis in 1909 and transferred to the Monterey Peninsula in 1952. Since its beginning, the school has conferred over 22,000 degrees. The typical student is an unrestricted line U.S. Naval Officer who has completed an operational tour. Students are engaged in intensive studies leading to a master's degree, in one of 37 different curricula split between 10 academic departments and 4 academic groups. Each curriculum is tailored to provide the academic requirements for an accredited advanced degree and meet the additional educational skill requirements necessary for subsequent assignments. Officers are obliged to remain in service for about four years after they complete their schooling.

Students arrive every quarter, with the heaviest influx entering in January and July. Of the approximately 1500 students now enrolled, about 75 percent are in the United States Navy and Marine Corps, 15 percent are from other United States services, and the remaining 10 percent are from allied countries.

Many of the 350 professors at the school are internationally recognized in their respective fields. In order to keep abreast in their areas of expertise, faculty members conduct research beneficial to many governmental agencies. Over 27 million dollars of research is conducted or administered annually at the school.

The Superintendent, RADM Marsha J. Evans, with the assistance of Provost Richard S. Elster, guides the school in its endeavors. There is also a civilian Dean of Management and Security Affairs, Dean of Engineering and Computational Sciences, Dean of Operational and Applied Science, Dean of Research, and two U.S. Navy captains who serve as the Dean of Students/Director of Programs and Director of Military Operations.

Guests are invited to tour the school grounds and to visit the Naval Postgraduate School Museum located in the basement of Hermann Hall. The museum is designed to capture the rich history of both the school and the Old Del Monte Hotel through displays and artifacts.

